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ERNE H. MATTHEWS
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MATTHEWS-EGGERT NURSERY

REFERENCE
Holton State Bank
Holton, Michigan

R. F. D. Number 1

TWIN LAKES MICHIGAN

IN PRESENTING OUR LIST to the Nursery Trade, we beg leave to say a few words about nursery seeds. The seeds handled by importers and dealers are collected where it can be gathered with the least effort from stunted, crooked, low-growing, scrubby stands which usually bear seeds in abundance and can be picked without much climbing. The Scotch pine, Norway spruce and the Austrian pine seeds are from the great sand dunes in Normandy France and other similar places where they are produced in great quantities and are harvested at low cost. Such seeds are fertile, but produce inferior seedlings, owing to the fact that they take after the parent stock in form and habit of growth, and produce short-lived scrubby stands, which when matured, have very little lumbering value.

Norway has the finest stands of spruce (*picea exelsa*) and of pine (*pinus sylves tris*) called in Norway "Fjell Furu." These two species furnish the material for that country's splendid lumber export. What is masquerading under the name of Norway pine here in America is native to the northern states and Canada only. It is a slow-growing sparsely distributed specie of fair lumbering quality, but partial to soil and climatic conditions and rather difficult to transplant. Its real name is "pinus resinosa." The real Norway pine is what is known here as "scotch" and in Scotland as "deal."

The Austrian pine (*pinus austriaca nigra*) is the most valuable timber tree in what is known as the black forest of Germany and Austria, where it is called "laricio." This and the scotch are the fastest growers and easiest to transplant of all pines which are hardy in this latitude and makes valuable lumber, providing however, that the seeds are from the tall timberstands of Northern Europe. All stands of the tall growing varieties produce seeds sparingly and the cones are carried at a great height from the ground, hence are slow to harvest and hard to obtain at any price, but their progeny will be stately monarchs in comparison with seedlings grown from seeds of the scrubby kinds.

Mugho pine (*pinus Mughus*). This variety is planted solely for their ornamental quality as dwarfs. The seeds are gathered in the

mountains of central Europe, but are not very dwarf, some reaching a height of eight feet, and for that reason are a disappointment to the ultimate planter. The next best are from the Risen gebirge in Germany, but even these are not suited for plantings that demand absolute dwarfs. The real dwarf mughos are the lilleputian pines of the Orkney Islands, known in Europe as "pumilas." These are the dwarfest and perhaps hardiest pines on earth.

The source of the seeds are of the greatest importance. The location of the nursery, where the seeds are planted, is of minor importance. The same holds true in vegetative propagation. If hardiness and other characteristics are present in your propagating material, the location of the nursery cannot change it. It takes centuries to do that. For this reason we state the source of the seeds of all we offer, so the nurserymen will know what to expect from the behavior of our lining out stock.

Our stocks are clean and free from insect or fungus injuries and our soil produces extra strong and fibrous roots, and we use the utmost care in digging and packing. Small evergreens have roots puddled when lifted from the seed beds, tied in bundles of 100, roots mossed and wrapped in waterproof paper. Do not undo our work and care by careless handling. After receiving the stock, keep roots moist and tops ventilated, at all times, until planted.

TERMS—Packing free when cash accompanies the order. Usual terms to customers with known credit. C. O. D. Orders must be accompanied with one-fourth of purchase price. No orders filled for less than 100 of any variety or grade. 500 at 1000 rates. When ordering, be sure to state how to ship—freight, express or parcel post. We ship from Holton and from Muskegon, Michigan.

NORWAY SPRUCE		
Seeds from Vest Aasen, Norway		
	100	1000
88,000 4-10 in. S.....	\$2.50	\$20.00
ENGELMAN SPRUCE		
Seeds from Colorado		
	100	1000
10,000 3-6 in. S, all blue..	\$5.00	\$45.00
AUSTRIAN PINE		
Seeds from the Black Forest		
	100	1000
65,000 3-4 in. S.....	\$1.75	\$15.00
SCOTCH PINE		
Seeds from Lands Aasen, Norway		
	100	1000
25,000 3-4 in. S.....	\$1.75	\$15.00
MUGHO PINE		
Seeds from the Orkneys		
	100	1000
5,000 2-in.	\$5.00	\$45.00
ORIENTAL ARBOR VITAE		
(Biota Orientalis Aurea)		
Seeds from Sakata, Japan		
Although rated as a dwarf, they are the fastest growers, hardiest and transplant more readily, and thrive in poorer soil with less moisture, and are of compact upright growth. Used for sheared hedges, foundation plantings, groups, tall windbreaks and single specimens. Ultimate height about 35 feet.		
	100	1000
8,300 1-yr. transplants, 10-12 in., well-filled....	\$7.00	\$65.00
70,000 2-yr. S, 8-10 in.	3.50	30.00
100,000 1-yr. green, 4-6 in.	2.00	18.00
AMERICAN ARBOR VITAE		
Seeds Home-grown		
	100	1000
5,000 2-yr. S, 5-7 in.	\$2.00	\$18.00
Chinese Upright Silver Juniper		
Seeds from Sakata, Japan		
Much hardier and more robust grower than the Swedish and Irish. Thrives in poorer, drier soil, a fast grower, when young, and immune to Juniper blight.		
	100	1000
10,000 1-yr. S, 5-7 in., branched.....	\$5.00	\$45.00
JAPANESE BROADLEAVED MAPLE		
(Acer Platanum Autropurpleum)		
Seeds from Sakata, Japan		
About 80% run true to color; balance are varigated, striped and dotted with red, yellow and green. 100% red can only be obtained by selection before the foliage		

falls, in which case orders must be placed early in the fall at an additional cost of 25%. These are the small seeded variety and forms a large shrub or small tree, if trimmed. They are very hardy and great favorites where well known. Must not be confused with the large seeded acer palmatum which are used for understock for the bloodleaved sorts.

	10	100
600 2-yr. 8-12 in. branched.....	\$2.50	\$20.00
700 2-yr. 6-10 in. branched.....	1.50	10.00
3500 1-yr. 3-6 in.....	.75	6.50

RUSSIAN OLIVE
(Eleagnus Angustifolia)
Seeds Home-grown

Thrives in the poorest and driest of soils and are fast growers, when young, a large shrub, and if trimmed, a small tree, 15 to 20 feet. Its velvety, silvercolored foliage makes an admirable contrast in clumps of shrubbery. The fruit is not edible, but very ornamental on account of its shiny, silvery color.

	100	1000
1400 1-yr. 10-12 in.....	\$3.00	\$25.00
1500 1-yr. 6-10 in.	2.00	18.00

WHITE-FLOWERED DOGWOOD
(Cornus Florida Alba)

The most beautiful of small native trees. Pure white waxlike flowers the size of a silver half-dollar in great profusion in the spring, heavy leathery ornamental foliage turning scarlet in autumn, shiny scarlet fruit hangs on well into winter, stand partial shade and can be kept in bush or tree form. Height about 20 feet.

	100	1000
2500 1-yr. S, 10-12 in.....	\$5.00	\$45.00

JOSEKEA LILAC
(Hungarian)
Seeds Home-grown

Does not sucker from the root; foliage like Jap tree lilac; blooming season much later than any of the vulgaris sorts. Flowers of delicate structure, azure blue, fading to almost white. The flowers last a long time and possess a most delightful fragrance.

500 1-yr. No. 1 S.....	\$7.00	per 100
300 1-yr. No. 2 S.....	5.00	per 100

NORWAY MAPLE
(Acer Platanoides)
Seeds Home-grown

We find that the one-year-old are the best grade for transplanting these maples into nursery rows. With roots properly cut back they form a splendid root system without further transplanting; hence, growth is

not retarded and they form smoother stems, and marketable grades are obtained in shorter time.

	100	1000
50,000 1-yr S, 4-8 in. (roots much larger).....	\$3.00	\$25.00

SHAGBARK (or Shellbark) HICKORIE
(Hickoria Ovata)
Seeds Home-grown

The parents of these hickories are old trees left in the fields of our farm when the land was cleared on account of their large thin-shelled nuts. The roots of these seedlings should be cut back to about six inches when planted and no transplanting will be necessary, as they will not form taproot after being cut back. The old "hooley" of transplanting or root-pruning every year results not only in loss of growth, but makes scrubby unthrifty stock when ready for sale.

	100	1000
30,000 1-yr. S, 4-8 in. tops, 10-12 in. roots ...	\$3.50	\$30.00

BLACK CHERRY
(Prunus Serotina)

Seed from Special Trees on Our Farm
The large timber cherry is a fast grower and make showy ornamentals, as well as high-priced veneer timber. Fruit a favorite food for robins and other birds, and helps to attract their attention from berries and other fruits.

1400 1-yr. S, 6-10 in.....	\$2.50	per 100
1400 1-yr. S, 4-7 in.....	1.75	per 100

SILVER MAPLE
(Acer Dacycarpum)
Seeds Home-grown

Fastest growers of all maples
1100 1-yr. S, 12-18 in.....\$3.50 per 100
800 1-yr. S, 9-12 in..... 2.50 per 100
400 1-yr. S, 6-9 in..... 1.75 per 100

RED MAPLE
(Acer Rubrum)
Seeds Home-grown

Foliage turns scarlet in autumn. Slow grower, while young, but one of the largest of the maple family, when matured. Stands wetter soil than any other maple.
1000 1-yr. S, 4-8 in..... \$2.00 per 100

BOX ELDER
(Acer Negundu)
Mountain Maple, Ash-leaved Maple
Seeds Home-grown

	100	1000
5000 1-yr. S, 12-18 in.	\$1.50	\$12.00

In addition to the above, we have in large quantities 19 varieties of one-year-old evergreens. These are too young for lining out in the field and must be bedded and shaded for one year, if transplanted at this age, when they will be ready for the open field. If interested in these yearlings, ask for prices.

We also have a small block of 1600 Alaska spruce (*picea borealis*). These are transplanted sheared specimens; some American upland Larch 6-10 feet, some American Arbor vitae, sheared specimens, globes and coneshaped; and a few hundred hemlock and sugar maples. All are too heavy for crating, but if loaded on trucks at nursery, there is a chance for an extra good buy for some landscape man who can use them. The spruce run mostly 3-4 feet and up.

We do not make any claim to superiority on the length of time we have been established, in fact, we have not been in any old rut at all, but we do have a highly trained and efficient propagator, with both European and American experience. We have a variety of soils and do not have to use unsuitable land for any variety, and we do not use the common run of seeds. We also have some acres of sphagnum moss for packing.

We are young men entering this line as a life vocation and will do our best to merit the patronage of nurserymen. A trial will convince you. Our nursery is located on the Muskegon and Newaygo county line, on state road 216, two miles north of Maple Island.

Address all orders and communications to 342 Apple Avenue, Muskegon, Michigan

5% DISCOUNT ON ALL ORDERS PLACED BEFORE MARCH 15th, WHEN CASH ACCOMPANIES THE ORDER

